Index of Claims

Application/Control No.

10/689,130

Examiner Steven E. Holton Applicant(s)/Patent under Reexamination

SHAHOIAN ET AL.
Art Unit

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| Claim Date   |          |          |              |          | _              | Claim    |                 |              |                 |           |  |          |          |          | Claim Date  |          |          |  |            |          |              |            |                       |         |              |  |                     |          |          |
|--------------|----------|----------|--------------|----------|----------------|----------|-----------------|--------------|-----------------|-----------|--|----------|----------|----------|---|----------|----------|--|------------|----------|--------------|------------|-----------------------|---------|--------------|--|---------------------|----------|----------|
| Cla          |          | Date     |              |          |                |          |                 |              | Claim Date      |           |  |          |          |          |   |          | <u> </u> | aim  | Date       |          |              |            |                       |         |              |  |                     |          |          |
| Final        | Original | 8/8/09   |              |          |                |          |                 |              |                 |           | Final  | Original |          |          |   |          |          |  |            |          | Final        | Original   |                       |         |              |  |                     |          |          |
| -            |          | 7        | -            | ╀        | ⊢              | ╀        | -               | -            | $\vdash$        |           |  |          | -        | $\dashv$ | +   | +        | ⊢        | $\vdash$   | $\dashv$   | -        |              | L          |                       | +       | ╄            | H  | $\vdash$            | $\dashv$ | +        |
| -            | 2        | 4        | ╀            | ╁╌       | ┢              | ┿        | ╁               | ⊢            | Н               |           | -  | 51<br>52 | Н        | $\dashv$ | +   | ╁        | ╀        | $\vdash$   | $\dashv$   |          |              | 101<br>102 |                       | +       | ╁            | -  | $\vdash$            | $\dashv$ | +        |
| $\vdash$     | 3        | Н        | $\vdash$     | ╁        | ┢              | ╁        | $\vdash$        | $\vdash$     | $\vdash \vdash$ | $\dashv$  | -  | 53       | Н        | $\dashv$ | -   | +-       | ╁        | <del>                                     </del> | $\dashv$   | $\dashv$ | ⊢            | 103        | $\vdash$              | ┿       | +            | Н  | $\vdash \vdash$     | $\dashv$ | +        |
| <del> </del> | 4        | H        | ┢            | +        | ╁              | +        | ╁               | +-           |                 |           |  | 54       | Н        | $\dashv$ |   | ╁        | $\vdash$ | $\vdash$   | +          | $\dashv$ | <b> </b>     | 104        | +                     | +-      | +            | -  | $\vdash$            | $\dashv$ | +        |
| -            | 5        | H        | ┼─           | ╁        | ┝              | ┿        | ╁               | ┢            | $\vdash$        | $\dashv$  | -  | 55       |          | $\dashv$ | -   | ┿        | ╁╌       | $\vdash$   | ┽          | $\dashv$ | <del></del>  | 105        |                       |         | ╂─           |  |                     | -+       | $\dashv$ |
|              | 6        | H        | $\vdash$     | $\vdash$ | $\vdash$       | +        | -               | <del> </del> |                 | $\dashv$  | -  | 56       | Н        | $\dashv$ | $\dashv$  | ╁        | $\vdash$ | $\vdash$   | $\dashv$   | $\dashv$ | <del> </del> | 106        | -                     | +       | ╁╌╴          | ┢  | -                   | ┪        | _        |
| -            | 7        | Н        | H            | ╁        | $\vdash$       | ╁╴       | H               |              | H               |           |  | 57       | Н        | $\dashv$ | $\dashv$  | +        | H        | H  | +          | $\dashv$ |              | 107        | $\vdash$              | +       | ╁╌           |  | $\vdash$            | _        |          |
|              | 8        | H        |              | t        | Н              | ╈        | $\vdash$        |              | Н               | $\dashv$  |  | 58       | H        | $\dashv$ | $\top$  | +        | t        |  | $\dashv$   | $\dashv$ | <u> </u>     | 108        | _                     | +       | ╁            | $\vdash$   | $\vdash$            | _        | +        |
|              | 9        | H        | H            | t        | T              | t        | 1               | $\vdash$     | Н               | ┪.        |  | 59       | П        | 一        | $\neg$  | T        |          |  | $\dashv$   | $\dashv$ |              | 109        | $\vdash$              | $\top$  | T            | $\vdash$   | П                   | 寸        | +        |
|              | 10       | Н        | $\vdash$     | T        | T              | t        | 1               |              | П               | ┪         |  | 60       | П        | $\neg$   | 1   | Ť        | $\vdash$ | П  | 十          | $\neg$   |              | 110        | $\Box$                | _       | †            | T  | $\Box$              | T        | $\dashv$ |
|              | 11       |          | Т            |          |                | T        | T               |              | П               |           |  | 61       | П        |          |   | T        |          |  | $\dashv$   |          |              | 111        |                       | T       | 1            | Г  |                     | 寸        | $\neg$   |
|              | 12       |          |              |          |                |          |                 |              |                 |           |  | 62       |          |          |   | T        |          |  |            |          |              | 112        |                       | T       | T            |  |                     |          | $\Box$   |
|              | 13       |          |              |          |                | L        |                 |              |                 |           |  | 63       |          |          |   | Ι        |          |  | $_{\perp}$ |          |              | 113        |                       |         | L            |  |                     |          |          |
|              | 14       |          |              |          |                |          |                 |              |                 |           |  | 64       |          |          | $oldsymbol{ol}}}}}}}}}}}}}}}$ |          |          |  |            |          |              | 114        |                       |         |              |  |                     | $\Box$   |          |
|              | 15       |          |              |          |                |          |                 |              | Ш               |           |  | 65       |          |          |   |          |          |  | I          |          |              | 115        |                       |         |              |  |                     | $\Box$   |          |
|              | 16       | Щ        |              |          | L              | $\perp$  |                 |              | Ш               |           |  | 66       | Ш        |          |   |          | <u>L</u> |  |            |          | L            | 116        | $\perp$               | $\perp$ |              | $ldsymbol{ld}}}}}}$ |                     | _        |          |
|              | 17       | 4        | <u> </u>     | L        | L              | ↓_       | _               | _            |                 |           |  | 67       |          | $\perp$  |   | _        | _        |  | _          | _        |              | 117        |                       |         | 丄            |  |                     | _        |          |
|              | 18       | Ц        | lacksquare   | ┖        | $oxed{oxed}$   | ╙        | $oxed{igspace}$ | <u> </u>     | Ш               |           |  | 68       |          | $\perp$  | $\bot$  | _        |          | $\sqcup$   | _          | _        |              | 118        | $\perp$               | $\perp$ | _            |  | Ш                   |          |          |
|              | 19       | P        | <u> </u>     | <u> </u> | _              | <u> </u> | <u> </u>        | <u> </u>     |                 |           |  | 69       |          |          | _   | <b>_</b> |          |  | _          | _        |              | 119        | $\sqcup$              | _       | <u> </u>     |  |                     | _        |          |
|              | 20       | L        | <del> </del> | <u> </u> | <del> </del> _ | ╄        | _               | <u> </u>     | $\sqcup$        |           |  | 70       | $\sqcup$ | $\dashv$ | $\perp$   | 4        | <u> </u> |  | $\dashv$   | _        | <u></u>      | 120        |                       | $\bot$  | _            | _  |                     | _        | $\dashv$ |
|              | 21       | _        | ļ            | ــ       | <del> </del> _ | ╀_       | <del> </del>    | ┞            |                 | _         |  | 71       |          | _        |   | -        | ↓_       | -  | _          | _        | <u> </u>     | 121        | <del></del>           | +       | -            | _  |                     |          |          |
| _            | 22       | _        | ├-           | ┡        | ├-             | ╀        | ├               | _            |                 | _         | <u> </u>   | 72       | $\vdash$ | _        | -   | -        |          | -  | _          | _        | <u> </u>     | 122        | $\vdash$              | +       | -            | _  | $\vdash$            | -        | _        |
|              | 23       |          | ┞-           | -        | ├              | ╀        | ╁               | <u> </u>     | Н               | _         | <u> </u>   | 73       | Н        | $\dashv$ | $\perp$   | +        | -        |  |            |          | <u> </u>     | 123        |                       | +-      | ┿            | _  | $\vdash$            | -        |          |
| -            | 24       | -        | -            | ╀╌       | ├-             | ╀        | ┼               | -            | -               |           | $\vdash$   | 74       | -        | -        |   | +-       | ⊬        |  |            | _        | <u> </u>     | 124        |                       | - -     | -            | _  |                     |          |          |
| $\vdash$     | 25       | _        | ⊢            | ⊢        | ├              | ╀        | ⊢               | ⊢            | $\vdash$        |           | -  | 75<br>76 | -        | $\dashv$ | +   | ╁        | ⊢        | $\vdash$   | +          |          |              | 125        |                       | +-      | +            | <u> </u>   | $\vdash$            |          | +        |
| $\vdash$     | 26<br>27 | _        | ⊢            | ┢        | ╁╌             | ╁        | ╁               | ⊢            | $\vdash$        |           | <u> </u>   | 77       | Н        | +        | +   | +-       | ╁        | $\vdash$   | +          | -        | ├─           | 126<br>127 | $\vdash$              | ┿       | +            | <del> </del>   |                     |          | +        |
| $\vdash$     | 28       | -        | ┢            | ╁        | ┼─             | ╁        | ╁               | ╁            | $\vdash$        |           | $\vdash$   | 78       | Н        | $\dashv$ | ╁   | ╁        | ╁        | -  | _          | -        | <u> </u>     | 128        | +                     | +       | +            | <del> </del>   | -                   | -        | $\dashv$ |
| $\vdash$     | 29       |          | $\vdash$     | ╁─       | -              | ╁        | ╆               | ╁            | $\vdash$        |           |  | 79       |          | $\dashv$ | -   | +        | ┼        | -  | -          | _        | $\vdash$     | 129        |                       | +       | +            | ├─   | $\vdash$            | -        | -        |
|              | 30       | _        | H            | $\vdash$ | $\vdash$       | H        | +               | $\vdash$     | $\vdash$        |           | <del>                                     </del> | 80       | Н        | $\dashv$ |   | +-       | ╁        | $\vdash$   |            |          | -            | 130        | <del>     </del>      | +-      | +-           | ┢  |                     |          | +        |
|              | 31       |          | ┢            | T        | $\vdash$       | $\vdash$ | T               | $\vdash$     | $\vdash$        | _         |  | 81       | Н        |          | $\top$  | +-       | 1        |  | _          | _        |              | 131        |                       | $\top$  | ╅            | ┰  |                     | 寸        | _        |
|              | 32       |          | Т            | T        | T              | T        | T               |              | Ħ               |           |  | 82       | П        |          | _   | $\top$   | T        |  |            | _        | _            | 132        | $\vdash$              | $\top$  | 1            |  | $\vdash$            | 寸        | $\neg$   |
|              | 33       |          | Τ            |          | Γ              | 1        |                 | 1            |                 | $\exists$ |  | 83       | П        | $\vdash$ |   |          |          |  | $\dashv$   |          |              | 133        |                       | $\top$  | 1            | <del></del>  | П                   | 一        | $\neg$   |
|              | 34       |          | Г            | Ī        |                |          |                 |              |                 |           |  | 84       | П        | $\dashv$ |   | Τ        |          |  | 寸          | $\neg$   |              | 134        |                       |         |              |  |                     |          | $\neg$   |
|              | 35       |          |              |          |                |          |                 |              |                 |           |  | 85       |          |          |   |          |          |  |            |          |              | 135        |                       | I       |              |  |                     |          |          |
|              | 36       |          |              |          |                |          |                 |              |                 |           |  | 86       |          |          |   |          |          |  | $\Box$     |          |              | 136        |                       | I       |              |  |                     |          |          |
|              | 37       |          |              |          |                |          |                 |              |                 |           |  | 87       |          |          |   | I        |          |  | $\Box$     |          |              | 137        |                       |         | $oxed{\Box}$ |  | Ш                   |          |          |
|              | 38       |          | Ĺ            | 匚        | L              |          |                 |              |                 |           |  | 88       |          | $\Box$   |   |          |          |  |            |          |              | 138        |                       |         |              |  | Ш                   | $\Box$   |          |
| <u></u>      | 39       | L        | $\perp$      | $\perp$  | $\perp$        | <u> </u> |                 |              | Ш               | _         |  | 89       | Ш        | $\perp$  |   | _        |          | Ш  | $\perp$    | _        |              | 139        |                       | $\perp$ |              | _  | Ш                   |          |          |
| <u></u>      | 40       | L        | L            | <u> </u> | $\vdash$       | 1        | _               | _            | Ш               | _         |  | 90       | Ш        | $\Box$   |   | _        | 1_       | Ш  | $\perp$    | _        |              | 140        | $\perp$               | $\perp$ | 1_           | <u></u>  | Ш                   | _        | $\dashv$ |
| <u></u>      | 41       | _        | _            | 1        | _              | ↓_       | 1               | <u> </u>     | $\sqcup$        | _         | <u> </u>   | 91       | Ш        | $\Box$   | _ _   | _        | _        | Ш  | _          | _        |              | 141        |                       | 4       | ↓_           | _  | $\sqcup$            | _        | $\perp$  |
| <u> </u>     | 42       | <u> </u> | <u> </u>     | ┞        | <b>L</b>       |          | 1               | 1            |                 | _         | <u> </u>   | 92       | Ш        | Ц.       | _   | _        | _        | Ш  | 4          | _        | <u></u>      | 142        | $\sqcup \!\!\! \perp$ | 4       | ╀-           | <u> </u>   | $\sqcup$            | _        |          |
| -            | 43       | <u> </u> | <u> </u>     | $\vdash$ | <b> </b>       | 4        | -               | <del> </del> | -               | _         |  | 93       |          | $\dashv$ | +   | $\perp$  |          | $\vdash$   | 4          | -        | <u> </u>     | 143        | $\vdash$              | -       | ┿            | <u> </u>   | $\vdash \downarrow$ | _        |          |
| <u> </u>     | 44       | _        | $\vdash$     | -        | L              | ₩        | $\vdash$        | <u> </u>     | -               |           | <u> </u>   | 94       | $\vdash$ |          | $\perp$   | +        | 1        | $  \cdot  $                                      | $\dashv$   | -        | <u> </u>     | 144        | $\vdash$              | +       | -            | <u> </u>   | $\sqcup$            | -1       | +        |
| <u> </u>     | 45       | <u> </u> | 1            | 1        | $\vdash$       | ┼        | 1               | -            | $\vdash$        | _         |  | 95       | $\vdash$ | $\vdash$ | +   | +-       | -        | $\vdash$   |            | _        | <u></u>      | 145        | $\vdash$              | +-      | +            | <u> </u>   | $\vdash \vdash$     |          |          |
|              | 46       | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$       | +        | $\vdash$        | $\vdash$     | $\vdash \vdash$ | $\dashv$  |  | 96       | Н        | $\vdash$ | +   | +        | +-       | $\vdash$   | +          | $\dashv$ | <u> </u>     | 146        | $\vdash$              | +       | +-           |  | $\vdash \vdash$     |          |          |
| -            | 47       | $\vdash$ | $\vdash$     | +        | $\vdash$       | +        | -               | $\vdash$     | $\vdash \vdash$ | $\dashv$  | -  | 97<br>98 | $\vdash$ | -        | -   | +        | $\vdash$ | $\vdash$   | $\dashv$   | ┨.       | <u> </u>     | 147        |                       | +       | +            | ├  | $\vdash \vdash$     | $\dashv$ | +        |
| <del> </del> | 49       | $\vdash$ | $\vdash$     | $\vdash$ | ┢              | +        | $\vdash$        | $\vdash$     | $\vdash \vdash$ | $\dashv$  | -  | 99       | $\vdash$ | -        | +   | +        | $\vdash$ | $\vdash$   | $\dashv$   | $\dashv$ | -            | 148<br>149 | -                     | +-      | +-           | ├  | $\vdash$            |          | +        |
| <del></del>  | 50       | $\vdash$ | -            | ╁        | ╌              | ╁        | ╁               | $\vdash$     |                 | $\dashv$  | -  | 100      | $\vdash$ | -        |   | ╁        | $\vdash$ | $\vdash\vdash$                                   | $\dashv$   | $\dashv$ |              | 150        |                       | +       | +            | -  | $\vdash$            | $\dashv$ |          |
| Ц            |          |          |              |          |                |          | ┺               | 1            |                 |           |  |          |          |          |   |          |          |  |            |          | L.           | 130        |                       |         | .1.          |  |                     |          |          |